Happy 128th birthday to Hidetsugu Yagi, co-inventor of the Yagi-Uda beam antenna

SOTA FS-018

For the Summer QRP Contest, I decided to activate Naval Hill for Summits-on-the-Air (SOTA). It has the reference FS-018 and counts 1 point.

Carina and I stopped at the Lamont-Hussey Observatory on Naval Hill (nowadays it is home to a digital planetarium). We found a nice shady tree and put out Carina's comfy camping chair - she brought a Francine Rivers book to read.

I grabbed my rucksack and portable mast and set off to find another shady tree and set up my field station - inverted V for 40 metres and the Yaesu FT-817. Around me I could see about 5 zebra, 3 black gnu's (wildebeest) and 4 ostriches. Naval Hill is home to the Franklin Game reserve.

I made 14 QSOs from 14:30 until it was time to pack up to get to the Bloemfontein ARC meeting. I managed to work ZS2, ZS3, ZS4 and ZS6 with some signals booming in and other down in the noise.

It was great fun to get away from home and enjoy the fresh air and nature on Naval Hill.

SARL National Field Day

The aim is to work as many stations as possible on all the HF amateur bands (excluding the 30, 17 and 12 m WARC bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.

The contest will take place on the second full weekend of February between 10:00 UTC on Saturday to 10:00 UTC on Sunday - 8 and 9 February 2014

Frequencies and Modes - HF amateur bands, excluding the WARC bands (30, 17 and 12 metre bands). Phone, CW and Digital (PSK and RTTY). Phone, CW and Digital modes on a band are considered as separate bands. A station may be worked only once per band under this rule. All voice contacts are equiva-
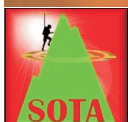
SARL National Field Day
8 and 9 February 2014

January

1 - New Years Day; start of ARRL Centennial QSO Party; Start of 2014 CQ DX Marathon; start of CDXC DX Marathon Challenge
11 and 12 - Hunting Lions-in-the-Air
13 - SARL Office opens
15 - All schools open
17 to 19 - PEARS National VHF/UHF Contest
18 - SARL@Home
25 - Summer QRP Contest
31 - Last day for submission of nominations for councillors for the next term and motions for the 2014 AGM

February

1 and 2 - AWA CW Activity Day
2 - World Wetlands Day
8 and 9 - SARL National Field Day; SARL VHF/UHF Contest
14 Valentine's Day
10 to 15 - SARL Youth Week
15 - SARL Youth Contest
15 and 16 - ARRL International DX CW Contest
23 - SARL Digital Contest

Current Summits-on-the-Air (SOTA) activities are announced at www.sotawatch.org
And more SOTA information can be found at www.sota.org.uk

(Continued from page 1)

lent. All digital contacts are equivalent. There is no limitation to the number of transmitters or receivers that may be employed. The use of more than one transmitter at the same time on a single band-mode is prohibited.

Entry Categories

Class A – Field Station –Multi operator: Such stations must be located in places that are not regular station locations and must comply with the requirements of a field station as defined in the general section of rules.

A single licensee or trustee for the entry is responsible for the group entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 500 metres. All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains.

Class B – Field Station –Multi operator - QRP: All contacts must be made using an output power of 5 Watts or less. Other provisions are the same as Class A.

Class C – Field Station –Single Operator: Such stations must be located in places that are not regular station locations and must comply with the requirements of a field station as defined in the general section of rules. All equipment (including antennas) must lie within a circle whose diameter does not exceed 500 metres. All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains.

Class D – Field Station –Single Operator - QRP: All contacts must be made using an output power of 5 Watts or less. Other provisions are the same as Class C.

Class E – Ultra Light Portable: Light weight self contained stations, operating QRP or low power such as RaDAR, Summits on the Air, Parks on the Air (game and nature reserves), Islands on the Air, Heritage sites, etc. The operator must carry the entire station, antenna included, to the operating site. The distance carried must not be less than 1 km.

Class F- General stations: Stations operating from permanent or licensed station locations using commercial power.

Only one call sign per station is permitted. In the case of multi-operator stations using more than one transmitter, all operators shall use the same call sign.

Equipment for Field Stations may only be set up in the 24 hours prior to the starting time of the contest. This restriction applies to antennas, masts, towers and transmitting equipment, but excludes accommodation such as a caravan, tent, etc.

Once a Field Station has been established at a site, it may not move to an alternative site after the contest starts, excluding Class E stations.

The exchange is a RS or RST report, number of transmitters, Field Day operating Class and Provincial Abbreviation.

Examples: A three-transmitter Class A field station in Gauteng would send "599 3A GP" on CW or "59 3 Alpha - Golf Papa" on Phone.

A general station using a single transceiver located in Cape Town would give the following exchange "599 1F WC" on CW or "58 1 Foxtrot – Whiskey Charlie" on phone.

DX stations are logged as "1F DX". Refer to General Rule 16 for two letter abbreviations for South African provinces.

Scores are based on the total number of QSO points X the power multiplier X the number of provinces worked X the class multiplier.

QSO Points: Each contact with a station from one of the South African provinces counts for five points. Each DX contact counts for one point.

Power multipliers: X 6: Power 5 watts or less. X 4: Power 50 watts or less. X 2: Power 100 watts or less and X 1: Power greater than 100 watts.

The power multiplier for an entry is determined by the maximum output power used by any transmitter used to complete any contact during the event.

Provinces worked multiplier. A multiplier of one for each one of the 9 South African provinces worked (regardless of band) and one extra for working any station outside of the 9 provinces i.e. DX. Refer to General Rule 16

Class multiplier. General stations, class multiplier of 1; Field stations single and multi, class multiplier of 3

Miscellaneous Rules. A person may not contact for QSO credit any station from which they also participate.

(Continued from page 2)

A transmitter/receiver/transceiver used to contact one or more Field Day stations may not subsequently be used under any other call sign to participate in Field Day.

Batteries may be charged while in use. The batteries must be charged from a power source other than commercial power mains.

All stations for a single entry must be operated under one call sign

Log sheets must be sent by e-mail to zs4bfn@netactive.co.za or by post to the SARL National Field Day, Box 12104, Brandhof, 9324. The closing date for log submissions is 17 February 2012. Note: A photo(s) of the station (JPG format) MUST accompany every log entry.

DXHeat

A DXer's Tool. It is suggested that DXers take a look at the Web page www.dxheat.com/. DXHeat offers versatile filtering of incoming Real-time Web DX-Cluster DX Spots. With it is built in push algorithms, it displays DX spots in an instant while being optimized for low band-width at the same time. Rich graphical tools and HTML5 Audio & WebSDR Technology make it indispensable for serious DXers. It also has over 25 million DX spots listed/searchable in its database. DXHeat also provides a visual tool to check the current band activity into all continents at a glance and a WebSDR to listen to any spot listed on your browser (No additional software or plugins needed). Editor's note: This site seems to work better in Google Chrome and an older version of JAVA (see details on the Web page).

African Islands on the Air

5H, Tanzania. Sam, F6AML, will be active again in his spare time as 5H1Z from the Tanzanian islands (IOTA groups AF-032, AF-054, AF-074 and AF-087) between 28 January and 18 February. He will operate CW and SSB on 40 - 10 metres. QSL via home call.

FR/T, Tromelin (Update). On 22 January, the Tromelin Team has announced on their Web page www.tromelin2014.com with regret that Eric, F5SIH, will not be going to Tromelin with them. However, he will continue to participate with the group's preparation for their operation. Vincent, F4BKV, who was in charge of a part of the organization, has joined the list of radio operators. Vincent has participated in numerous DXpeditions (VP6T, HP0INT, TX6T, or E51BKV or MS0INT) and many IOTAs.

FT5Z, Amsterdam Island. As this was being typed, the FT5ZM team has arrived at Amsterdam Island (early Friday). Once the team is ashore, they will have 18 days to set up, conduct the DXpedition, and tear down for departure. Activity will be on all bands, 160 - 10 metres and all modes. QSL via N2OO. The FT5ZM QSL processing order is as follows - a. OQRS direct (via ClubLog); b. direct mail; c. OQRS bureau (via ClubLog) or d. Regular incoming bureau. For more details, see their Web page at www.amsterdamdx.org. Also, watch their media links at Facebook - www.facebook.com/FT5ZM Twitter - https://twitter.com/FT5ZM

TO7, Reunion Island (Update). The KOP Team is happy to announce that the TO7CC Web page www.to7cc.com is now online (after weeks and hours of hard work) as of 23 January. The team can present the long awaited information about their new adventure to Reunion Island. They plan to keep improving and feed their site with new posts on a regular basis, so keep tuned.... So, just as a reminder, you can find all the information on their DXpedition on the following media pages - Web site - www.to7cc.com; Facebook - www.facebook.com/TO7CC and Twitter - https://twitter.com/@to7cc

ZD8, Ascension Island. Werner, DJ9KH, informs OPDX that he will once again be active as ZD8D from Ascension Island (AF-003) between 24 February and 11 March, for a more or less holiday-style-DXpedition. He states, "This expedition will start in Cape Town, South Africa, on board the RMS St. Helena. After a two days stop on St. Helena, where I hope to be active with a ZD7-call sign (19 to 21 Feb), we (me and my wife) will arrive on Ascension Island 24 Feb. Activity will then start as soon as possible with a special focus on 160 - 40 metres. Werner mentions, "After having a lot of fun with CW on my 2013 A35WH – expedition, CW will be the preferred mode. We are also prepared for 60 m and 6 m." He will also be in the ARRL DX SSB Contest (March

HF Happenings

1-2nd) as a Single-Op/Single-Band (possibly 10 m). QSL via DL9HO. During the second week, they will have a second operator join him. Axel, DK9BDN, will visit them and help them; especially on CW. DK1IP will be the pilot station for Werner in Germany. The ZD8D Web page www.zd8d.de will be updated soon with all the information. You can use the ZD8D Online QSL Request System to get your ZD8D card(s). The OQRS is available for direct and Bureau cards.

African DX

Benin, TY. Wim, ON6DX plans to be active as TY1TT from January 26 to February 5. Activity will be on 40 to 10 metres. QSL to home call.

Burkina Faso, XT. Harald, DF2WO, is active as XT2AW from Ouagadougou until the end of February. Activity is holiday style on the HF bands using CW and SSB. QSL via M0OXO.

Speaking with Forked Tongue

What eating utensil should you use to get stations into your log? How about a fork, suggests Jim, K2MIJ? "Yes that's right, a fork! Well, two of them to be precise... sitting down at breakfast this morning staring at the fork in my hand, I wondered if it would be possible to radiate a signal on a "Fork Dipole".... of course I had to try it... would my amazing LDG Z11 autotuner be able to find a match and actually load this tiny tenna?

Fired up the FT-817 at 5 watts and tuning 12 meters I heard W1AW/5 (K5CM) calling and working a pile... I shouted and shouted a good 15 times and you could have knocked me over with a SPOON when he came back and asked "K2MIJ, do I have the call correct?" WooHoo!"

You can check out the setup in Jim's YouTube video http://youtu.be/d_hk89lx53g. Perhaps it was knife-edge propagation?

Word to the Wise

"A multiplier isn't much of one until you have something to multiply it by," opines Dan, K1TO. His point? You need QSOs in the log, multipliers or not. Pay attention to the "QSOs per multiplier" number your logging software might provide. If you give up more QSOs than that number to chase a multiplier - no matter how juicy - then your score suffers.

Sleep, glorious sleep

This New York Times article http://www.nytimes.com/2014/01/12/opinion/sunday/goodnight-sleep-clean.html offers some interesting new thoughts about long term sleep deprivation. More accurately, what happens during sleep and how to recover from periods when you don't get enough sleep - such as during our favourite on the air activities? Managing the operator's need for sleep is a critical part of contesting success. (Thanks, Randy K5ZD)

DXCC News

Bill Moore, NC1L, Awards Branch Manager reports that the following operations are approved for DXCC credit - 7Z1ES – Saudi Arabia and T6ZG - Afghanistan, current operation
If you had this rejected in a recent application send a note to bmoore@arrl.org to be placed on the list for an update to your account.
Thank you Tjerk, ZS6P.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 13 to 20 January 2014

QRP Fox Hunt   Mode: CW
02:00 - 03:30 UTC 31 January

(Continued from page 4)
Bands: 80 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 1 February 2014
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint Ladder
02:30 - 03:00 UTC 31 January
Mode: CW
Bands: 160, 80, 40, 20 m
Classes: Single Op
Max power: 100 watts
Exchange: (see rules)
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 2 February 2014
E-mail logs to: (none)
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.ncccsprint.com/rules.html

Vermont QSO Party
00:00 UTC 1 February to 24:00 UTC 2 February
Mode: CW, Phone, Digital
Bands: 160, 80, 40, 20, 15, 10, VHF/UHF
Classes: Single Op - CW, SSB, Digital or mixed - QRP, low or high; Multi-Op - CW, SSB, Digital or mixed - QRP, low or high; Mobile - CW, SSB, Digital or mixed - QRP, low or high
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts
Exchange: VT: RS(T) and county; non-VT W/VE: RS(T) and state or province; DX: RS(T)
Work stations: Once per band per mode
QSO Points: 1 point per phone QSO; 2 points per CW or digital QSO

Multipliers: VT: each state/province/country/VT county/VT club station once per mode; non VT: each VT county/VT club station once per mode
Power: >150 W: 1 X, 5 – 150 W: 2 X, 5 W: 3 X
Score Calculation: Total score = total QSO points x total mults x power multiplier
Submit logs by: 2 March 2014
E-mail logs to: ranv@sover.net
Mail logs to: Vermont QSO Party, PO Box 9392, South Burlington, VT 05403-9392, USA
Find rules at: http://www.ranv.org/vtqso.html

Triathlon DX Contest
00:00 – 07:59 UTC 1 February (CW), 08:00 – 15:59 UTC 1 February (SSB) and 16:00 - 23:59 UTC 1 February (RTTY)
Mode: CW, SSB, RTTY
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op All Mode; Single Op CW; Single Op SSB; Single Op RTTY
Exchange: RS(T) and serial no
Work stations: Once per band per mode
QSO Points: 1 point per QSO with same country; 2 points per QSO with different country, same continent; 3 points per QSO with different continent; 3 additional points per QSO with Greek station
Multipliers: Each DXCC entitle once per band per mode; Each Greek station once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 28 February 2014
E-mail logs to: dxtriathlon@gmail.com
Mail logs to: (none)
Find rules at: http://triathlon-dx-contest.gr/contest/index.php/rules

10-10 International Winter SSB Contest
00:01 UTC 1 February to 23:59 UTC 2 February
Mode: Phone
Bands: 10 m Only
Classes: Individual; Club; QRP
Max power: QRP: 10 watts
Exchange: 10-10 Member: Name, 10-10 number and state, province or country; Non-Member: Name, 0 and state, province or country
QSO Points: 2 points per QSO with 10-10 member; 1 point per QSO with non-member
Multipliers: (none)
Score Calculation: Total score = total QSO points

(Continued from page 5)

Submit logs by: 17 February 2014

E-mail logs to: tenten-contest@ten-ten.org

Mail logs to: Dan Morris, KZ3T, 3162 Covington Way, Lenoir, NC 28645, USA

Find rules at: http://www.ten-ten.org/Forms/QSO%20Party%20Rules.pdf

Black Sea Cup International

12:00 UTC 1 February to 11:59 UTC 2 February

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op – CW, SSB or mixed – low or high; Single Op Mixed QRP; Single Op Single; Band Mixed; Multi-Single Mixed; HQ (club/national organization); SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: HQ: RS(T) and club/org abbreviation; Black Sea Countries: RS(T) and ITU Zone no; BSCC Members: RS(T) and "BS" and club number; Others: RS(T) and ITU Zone no

Work stations: Once per mode per band

QSO Points: 1 point per QSO with same ITU Zone; 3 points per QSO with different ITU Zone same continent; 5 points per QSO with different ITU Zone different continent; 10 points per QSO with Black Sea Region countries or BSCC Members

Multipliers: Each ITU Zone once per band; Each HQ station once per band; Each Black Sea country once per band; Each BSCC member once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 March 2014

E-mail logs to: bs_cup@ukr.net

Mail logs to: BSCI, Box 4, Kerch 98319, Ukraine

Find rules at: http://bscc.ucoz.ru/index/0-21

EPC WW DX Contest

12:00 UTC 1 February to 12:00 UTC 2 February

Mode: BPSK63

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op 2 Radio (Low) (24); Single Op All Band (Low/QRP); Single Op All Band Portable (Low); Single Op All Band YM 12 Hrs (Low); Single Op All Band YL 12 Hrs (Low); Single Op All Band OM 12 Hrs (Low); Single Op Single Band (Low); Single Op Low Bands (Low); Single Op High Bands (Low); Multi Op Single Transmitter (Old/Young); Multi Op Multi Transmitter (Old/Young)

Max power: LP: 100 watts; QRP: 5 watts

Exchange: RST and QSO no

QSO Points: 1 point per QSO with same country; 2 points per QSO on 80, 40, 20 m with different country, same continent; 3 points per QSO on 15, 10 m with different country, same continent; 4 points per QSO on 40, 20, 15 m with different continent; 5 points per QSO on 10 m with different continent; 6 points per QSO on 80 m with different continent; 3 points per QSO with maritime mobile

Multipliers: Each DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 February 2014

E-mail logs to: (none)

Upload log at: http://ua9qcq.com/contests/submit_log_eng.php

Mail logs to: (none)

Find rules at: http://www.epcwwdx.srars.org/index.php?option=com_content&view=article&id=44:epc-ww-dx-contest-rules-2010&catid=34:contest-rules&Itemid=59

F9AA Cup, CW

12:00 UTC 1 February to 12:00 UTC 2 February

Mode: CW

Bands: 80, 40, 20, 15, 10, 2 m

Classes: >100 W; >10 – 100 W; 10 W

Exchange: RST, serial no, License Type and Country or F Dept

Work stations: Once per band

QSO Points: 1 point per QSO with individual; 5 points per QSO with club; Bonus: 50 points for each QSO with F8URC

Multipliers: (see rules)

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 4 March 2014

E-mail logs to: concoursf9aa@urc.asso.fr

Mail logs to: (none)

Find rules at: http://www.site.urc.asso.fr/urchaut-6/om-6/131-trophee-f9aa.html

Minnesota QSO Party

14:00 - 24:00 UTC 1 February

Mode: CW (CW/RTTY/PSK), Phone (FM/SSB)

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Single Op Phone; Mobile Single Xmtr; Mobile Unlimited; Multi-Op; Rover

(Continued from page 6)

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: MN: Name and county; W/VE: Name and state or province; DX: Name

Work stations: Once per band per mode per county

QSO Points: 2 points per QSO

Multipliers: MN Entrants: MN counties, states, DC, VE provinces/territories once; Non-MN Entrants: MN counties once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 March 2014

E-mail logs to: mnqp@w0aa.org

Mail logs to: MNQP, 4745-170th Lane NE, Ham Lake, MN 55304-5233, USA

Find rules at: http://www.w0aa.org/docs/mnqp/MNQP%20Contest%20Rules.pdf

FYBO Winter QRP Sprint

14:00 - 24:00 UTC 1 February

Mode: CW, SSB, Digital

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - home or field; Multi-Single - home or field; Multi-Multi - home or field; Mobile

Max power: 5 watts

Exchange: RS(T), state, province or country, name, power out and temperature (F)

Work stations: Once per band per mode

QSO Points: 1 point per QSO; 100 points per QSO with NQ7RP per mode per band

Multipliers: state, province or country once per band; Field: x 4; Alternative Power: x 2; QRPp (<1 W): x 2; Temperature: 65 F = x 1, 50 – 64 F = x 2, 40 – 49 F = x 3, 30 – 39 F = x 4, 20 – 29 F = x 5,<20 F = x 6

Score Calculation: Total score = (total QSO points x spc mults x temp mult x alt pwr mult x field mult x QRPp mult) and NQ7RP QSO points

Submit logs by: 3 March 2014

E-mail logs to: FYBO2012@azscorpions.org

Mail logs to: Mike Baker, K7DD, 8845 W. Diana Ave., Peoria, AZ 85345, USA

Find rules at: http://www.azscarpions.com/fybo2009rules.html

British Columbia QSO Party

16:00 UTC 1 February to 04:00 UTC 2 February

Mode: CW, SSB, Digital

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op – CW, SSB, Dig or mixed - QRP, low or high

Multi-Op (CW/SSB/Dig/Mixed)- QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: BC: RS(T) and District; non-BC: RS(T) and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 2 point per SSB QSO; 4 points per CW QSO; 4 points per digital QSO; 20 bonus points per QSO with VA7ODX once per band

Multipliers: BC: each BC district and each VE province/territory once per band per mode; non-BC: each BC district once per band per mode

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 31 March 2014

E-mail logs to: bcqp@orcadxcc.org

Mail logs to: Orca DX and Contest Club, 444 - 604 Columbia St., New Westminster, BC V3M 1A5, Canada

Find rules at: http://www.orcadxcc.org/bcqp_rules.html

AGCW Straight Key Party

16:00 – 19:00 UTC 1 February

Mode: CW

Bands: 80 m Only

Classes: 5 W (A); 50 W (B); 150 W (C); SWL (D)

Exchange: AGCW: RST, serial no, "/", class, "/", name, "/" and age

QSO Points: 9 points per A-A QSO; 7 points per A-B QSO; 5 points per A-C QSO; 4 points per B-B QSO; 3 points per B-C QSO; 2 points per C-C QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 28 February 2014

E-mail logs to: htp@agcw.de

Mail logs to: Friedrich W. Fabri, DF1OY, Hermann-Bahner-Strasse 1, D-63225 Langen, Germany

Find rules at: http://www.agcw.org/index.php/en/contests-and-cw-activities/straight-key-party-htp

Delaware QSO Party

17:00 UTC 1 February to 23:59 UTC 2 February

Mode: CW, Phone, Digital/RTTY

Bands: 160, 80, 40, 20, 15, 10, VHF

Classes: Single Op - QRP, low or high; Multi-Single - QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: DE: RS(T) and county; non-DE: RS(T) and state, province or country

Work stations: Once per band per mode

(Continued from page 7)

QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO

Multipliers: DE: each state, province and DXCC country once per band per mode; non-DE: each DE county once per band per mode

Power: >150 W = × 1, 150 W = × 2, 5 W = × 3

Score Calculation: Total score = (total QSO points × total mults × power mults) and 50 pt electronic submission bonus

Submit logs by: 4 March 2014

E-mail logs to: qsoparty@gmail.com

Mail logs to: DE QSO Party, PO Box 1050, Newark, DE 19715-1050, USA

Find rules at: http://www.fsarc.org/qsoparty/qsohome.htm

Mexico RTTY International Contest

18:00 UTC 1 February to 17:59 UTC 2 February

Mode: RTTY Only

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band – low or high

Max operating hours: 24 hours

Exchange: XE: RST and State; non-XE: RST and serial no

Work stations: Once per band

QSO Points: 2 points per QSO with same country; 3 points per QSO with different country; 4 points per QSO with XE

Multipliers: Mexican states and Federal District once per band; DXCC countries once per band

Score Calculation: Total score = total QSO points × total mults

Submit logs by: 10 March 2014

E-mail logs to: rtty@fmre.mx

Mail logs to: (none)

Find rules at: http://www.rtty.fmre.mx/english/RTTY%202014%20english.pdf

North American CW Sprint

00:00 - 04:00 UTC 2 February

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op – QRP, low or high

Max operating hours: 4 hours

Max power: HP: 1 500 watts, LP: 100 watts, QRP: 5 watts

Exchange: other station's call, your call, serial no, your name and your state, province or country

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7) once; Each VE province once; Each North American country (except W/VE) once

Score Calculation: Total score = total QSO points × total mults

Submit logs by: 04:00 UTC 9 February 2014

E-mail logs to: (see rules, web upload preferred)

Upload log at: http://www.ncjweb.com/sprintlogsubmit/

Mail logs to: Boring Amateur Radio Club, 15125 Bartell Road, Boring, OR 97009, USA

Find rules at: http://www.ncjweb.com/Sprint-Rules.pdf

RSGB 80 m Club Championship, SSB

20:00 - 21:30 UTC 3 February

Mode: SSB

Bands: 80 m Only

Classes: (none)

Exchange: RS and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 10 February 2014

Upload log at: http://www.vhfcc.org/cgi-bin/hfenter.pl

Mail logs to: (none)

Find rules at: http://www.rsgbcc.org/hf/rules/2014/r80mcc.shtml

Next Weeks Contests

ARS Spartan Sprint, 02:00 - 04:00 UTC 4 February
NCCC Sprint Ladder, 02:30 - 03:00 UTC 7 February
YL-ISSB QSO CW Party, 00:00 UTC 8 February to 23:59 UTC 9 February
CQ WW RTTY WPX Contest, 00:00 UTC 8 February to 23:59 UTC 9 February
SARL Field Day Contest, 10:00 UTC 8 February to 10:00 UTC 9 February
SARL VHF/UHF Contest, 10:00 UTC 8 February to 10:00 UTC 9 February
Asia-Pacific Spring CW Sprint, 11:00 - 13:00 UTC 8 February

(Continued from page 8)

Dutch PACC Contest, 12:00 UTC 8 February to 12:00 UTC 9 February

KCJ Topband Contest, 12:00 UTC 8 February to 12:00 UTC 9 February

SKCC Weekend Sprintathon, 12:00 UTC 8 February to 24:00 UTC 9 February

OMISS QSO Party, 15:00 UTC 8 February to 15:00 UTC 9 February

New Hampshire QSO Party, 16:00 UTC 8 February to 04:00 UTC 9 February and 12:00 - 22:00 UTC 9 February

FISTS Winter Sprint, 17:00 - 21:00 UTC 8 February

RSGB 1st 1,8 MHz Contest, 21:00 UTC 8 February to 01:00 UTC 9 February

AWA Amplitude Modulation QSO Party, 23:00 UTC 8 February to 23:00 UTC 9 February

Classic Exchange, Phone, 14:00 UTC 9 February to 08:00 UTC 10 February

"Ukraine is Europe!"

The award "Ukraine is Europe!" is issued to OM/SWL for contacts with radio stations that actively support the Ukrainian people's longing for a European vector. Available to all licensed amateurs and SWLs. The award programme may use contacts after 25 November 2013 on all bands and all modes. Ukrainian participants of the program send their location as the city/Ukraine/Europe (city/UKR/EU) or/and announce during QSO their participation in this programme.

Requirements:

Ukrainian stations: 50 QSO in the programme.

Others stations: 1 QSO with station that operated in the program as /P or /A (operating outdoors) or 10 QSO with stations that operated in the program from their home QTH.

SWLs: 50 HRD QSO with stations that operated in the program as /P.

The award is free of charge in the electronic version and it is sent by e-mail. Application in ADIF or CABRILLO format should be sent to the award manager, Ihor Sokorchuk, UR3LCM ur3lcm@ukr.net

History this week - starting 27 January 2014

1788 - A patent for a steamboat was issued by the state of Georgia to Isaac Briggs and William Longstreet

1807 - London's Pall Mall became the first street of any city to be lit by gaslight

1838 - A US patent was issued for the screw propeller to John Ericsson (Patent No 588)

1839 - Fox Talbot read a paper before the Royal Society, London, to describe his photographic process using solar light

1879 - The first practical, usable incandescent filament electric light bulb was demonstrated to an audience of 700 by its inventor J.W. Swan

1880 - Thomas Edison received a patent (No 223,898) for his electric incandescent lamp

1886 - Birth of Hidetsugu Yagi, co-inventor of the Yagi-Uda beam antenna

1896 – The first speeding fine of one shilling was handed out to a British motorist, driving 8 mph in a 2 mph zone

1901 - The world's tallest geyser was discovered by Dr Humphrey Haines on the North Island of New Zealand

1907 - The three-element vacuum tube was issued a US patent to its inventor, Dr Lee de Forest

1913 - A patent for a "demountable tire-carrying rim", was issued to Louis Henry Perlman of New York City

SARL National Convention
Pretoria 11 –13 April 2014

Hosted by

Magalies Radioamateurklub

Book Now

Furrow Lane Hotel, 272 Furrow Road, Equestria, Pretoria, South Africa. Coordinates: S 25° 45.729' E 028°20.169'

Friday 11 April

13:00 Arrival and Registration

18:30 Welcoming Braai
Speaker: Brian Frazer :"*Monitoring Sun spots and solar activities through monitoring ultra low frequency wave propagation*"

Saturday 12 April

07:30 Registration

09:00 SARL AGM

19:00 Awards Dinner

Speaker:
Dr Kobus Botha ZS6KOB
"Real-time weather photos"

Plus exhibits, fashion and hairstyling shows for the ladies, food stalls, etc.
Get details at www.sarl.org.za

Speakers :

Johan Badenhorst (Voetspore) *"Kommunikasie ervarings en behoeftes op die langpad*

Dr Gary Immelman:"*Two-way Radio for dummies*"

Jacque Fernihough: *"Plan your off-site power*"